NONSUBSTANTIVE ERRATA TO THE
2005 BUILDING ENERGY EFFICIENCY STANDARDS 15 DAY LANGUAGE
Revised November 5, 2003

1. Part 1, Section 10-110, page 3 (October 23, 2003)

Add "and Visible Transmittance" to the title of NFRC 200 that was left out by mistake.

NFRC 200 is the National Fenestration Rating Council document entitled "NFRC 200: Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence." (1995 or November 2002)

2. Part 1, Section 10-114, page 16 (October 23, 2003)

Edit Table 10-114-A to add "LZ4" which was left out by mistake.

LZ2	Low	Rural areas, as defined by the 2000 U.S. Census.	Special districts within a default LZ2 zone may be designated as LZ3 or LZ4 by a local jurisdiction. Examples include special commercial ~~or industrial~~ districts or areas with special security considerations located within a rural area.	Special districts and government designated parks within a default LZ2 zone maybe designated as LZ1 by the local jurisdiction for lower illumination standards, without any size limits.

3. Part 6, Section 101 (b), p.24 (October 31, 2003)

Add a definition for a test procedure that was left out as an oversight.

ASTM D6848 is the American Society of Testing and Materials document entitled "Standard Specification for Aluminum-Pigmented Emulsified Asphalt Used as a Protective Coating for Roofing," 2002 (ASTM D6848-02).

4. Part 6, Section 101 (b), p. 30 (October 24, 2003)

Edit the definition of kitchen for clarity.

KITCHEN in a ~~lowrise~~ residential dwelling unit ~~building~~ is a room or area used for cooking, food storage and preparation and washing dishes, including associated counter tops and cabinets, refrigerator, stove, ovens, and floor area. Adjacent areas are considered kitchen if the lighting for the adjacent areas is on the same switch ~~circuit~~ as the lighting for the kitchen.

5. Part 6, Section 112 (a), p. 44 (November 3, 2003)

Edit Exception to provide complete test procedure name, reference the correct efficiency descriptor, and include tables that were left out by mistake.

EXCEPTION to Section 112 (a): Water-cooled centrifugal water-chilling packages that are not designed for operation at ARI Standard 550 test conditions of 44°F leaving chilled water temperature and 85°F entering condenser water temperature shall have a minimum full load COP ~~and IPLV~~ rating as shown in TABLE 112-H, TABLE 112-I, and TABLE 112-J ~~in Tables 1-C8, 1-C9, and 1-C10~~ and a minimum NPLV rating as shown in TABLE 112-K, TABLE 112-l, and TABLE 112-M.

6. Part 6, Section 112, Tables 112-A, p. 45 (November 3, 2003)

Edit lines in this table to reference the correct test procedure to match the scope of the test procedure.

Air Conditioners, Air Cooled	≥ 65,000 Btu/h and < 135,000 Btu/h	~~8.0 EER and 8.3 IPLV~~	10.3 EER[b]	~~ARI 210/240~~ ARI 340/360

7. Part 6, Section 112, Tables 112-B, p. 46 (November 3, 2003)

Edit lines in this table to reference the correct test procedure to match the scope of the test procedure.

Air Cooled (Cooling Mode)	≥ 65,000 Btu/h and < 135,000 Btu/h	Split System and Single Package	~~8.0 EER 8.3 IPLV~~	10.1 EER[b]	~~ARI 210/240~~ ARI 340/360

8. Part 6, Section 118 (i) 3, p. 64 (October 31, 2003)

Edit Exception to include a referenced test procedure that was left out as an oversight for a coating type that is a subset of the coatings intended to be addressed by the exception.

EXCEPTION 1 to Section 118 (i) 3: Aluminum-pigmented asphalt roof coatings shall meet the requirements of ASTM D2824 or ASTM D6848 and be installed as specified by ASTM D3805.

9. Part 6, Section 146 (a) 4 F, page 114 (October 24, 2003)

Edit sentence for clarity.

This shall include all skylighting system accessories, including diffusers, louvers and other attachments that impact the diffusion of skylight into the space.

10. Part 6, Section 151 (f), page 151 (October 24, 2003)

Edit Table 151-B to delete "and airflow" that was left in by mistake.

SPACE-COOLING											
SEER =	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN
If split system,	NR	NR	NR	NR	NR	NR	REQ	REQ	REQ	REQ	REQ
Refrigerant charge ~~and airflow~~ measurement or thermostatic expansion valve											

11. Part 6, Section 152 (a) 2 (October 31, 2003)

Edit the section to correct a mistake in the additional section that is being referenced.

B. The addition complies if the energy efficiency of the existing building is improved such that the ~~source~~ TDV energy consumption of the improved existing building and the addition is equal to or less than that of the unimproved existing building plus an addition that complies with the applicable energy budget. When an improvement is proposed to the existing building to comply with this subsection, the improvement shall meet the requirements of section 152 (b) 2 ~~152 (b) 1~~ for that component.

12. Part 6, Section 152 (j) 2, p. 141 (November 5, 2003)

Delete the word "blown" in the 15 day language (no marking to the text should be made) which was included erroneously.

EXCEPTION 5 to Section 150 (j) 2: Piping installed in attics with a minimum of four inches of attic insulation on top of the piping shall not be required to have pipe insulation.

13. Part 6, Appendix 1-A (October 31, 2003)

Add a reference for a test procedure that was left out as an oversight.

ASTM D6848-02 Standard Specification for Aluminum-Pigmented Emulsified Asphalt Used as a Protective Coating for Roofing Asphalt Roof Coatings, 2002

14. Nonresidential ACM Manual, Section N2.3.5.2, "Modeling Rules for Standard Design (New and Altered Existing)," p. N2-33 (October 24, 2003)

Edit the exception to be consistent with the Standards Section 143 (c), a change that was left out by mistake.

EXCEPTION: When skylights are required by Section 143(c) (low-rise conditioned or unconditioned enclosed spaces that are greater than 25,000 ft^2 directly under a roof with ceiling heights greater than 15 ft and have a lighting power density for general lighting equal to or greater than 0.5 W/ft^2) and the SRR in the proposed design is less than the minimum, the standard design shall have a SRR of 0.03 for LPD < 1.0 W/ft^2, 0.033 for 1.0 ≥ LPD < 1.4 W/ft^2, and 0.036 for LPD ≥ 1.0 W/ft^2 in one half of the area of qualifying spaces.

15. Nonresidential ACM Manual, Section N2.4.1.2, page N2-48 (October 23, 2003)

Edit Table N2-3, to add "(Note 10)" after "Bar, Cocktail Lounge and Casino"that was left out by mistake.

Bar, Cocktail Lounge and Casino (Note 10)	67	275	275	1.0	120	1.1	0.50	~~0.20~~

16. Nonresidential ACM Manual, Section N5.2.10, p. N5-17 (October 31, 2003)

Edit sentence to clarify the correct references to the Nonresidential ACM Appendices.

ACM duct efficiency calculations shall be completed based on Appendix NG for the cases ~~match the values~~ shown in Appendix NH.

17. Nonresidential ACM Manual, Appendix NH, p. NH-2 (October 31, 2003)

Delete table that was left in by mistake.

~~CASE~~	~~Climate Zone 1~~				~~Climate Zone 2~~			
~~CODE~~	~~1 Story~~		~~2 Story~~		~~1 Story~~		~~2 Story~~	
	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~
~~1001~~	~~0.750~~	~~0.810~~	~~0.770~~	~~0.812~~	~~0.727~~	~~0.674~~	~~0.767~~	~~0.702~~
~~1002~~	~~0.793~~	~~0.813~~	~~0.810~~	~~0.814~~	~~0.783~~	~~0.717~~	~~0.800~~	~~0.734~~
~~1003~~	~~0.820~~	~~0.866~~	~~0.852~~	~~0.860~~	~~0.811~~	~~0.744~~	~~0.843~~	~~0.775~~
~~1004~~	~~0.868~~	~~0.869~~	~~0.886~~	~~0.871~~	~~0.861~~	~~0.792~~	~~0.880~~	~~0.810~~
	~~Climate Zone 3~~				~~Climate Zone 4~~			
	~~1 Story~~		~~2 Story~~		~~1 Story~~		~~2 Story~~	
	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~
~~1001~~	~~0.759~~	~~0.730~~	~~0.788~~	~~0.755~~	~~0.752~~	~~0.738~~	~~0.782~~	~~0.762~~
~~1002~~	~~0.801~~	~~0.763~~	~~0.817~~	~~0.778~~	~~0.795~~	~~0.770~~	~~0.812~~	~~0.784~~
~~1003~~	~~0.827~~	~~0.786~~	~~0.858~~	~~0.813~~	~~0.822~~	~~0.792~~	~~0.854~~	~~0.818~~
~~1004~~	~~0.873~~	~~0.822~~	~~0.891~~	~~0.837~~	~~0.869~~	~~0.826~~	~~0.888~~	~~0.841~~
	~~Climate Zone 5~~				~~Climate Zone 6~~			
~~CODE~~	~~1 Story~~		~~2 Story~~		~~1 Story~~		~~2 Story~~	
	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~
~~1001~~	~~0.740~~	~~0.760~~	~~0.770~~	~~0.779~~	~~0.766~~	~~0.722~~	~~0.794~~	~~0.747~~
~~1002~~	~~0.795~~	~~0.784~~	~~0.803~~	~~0.795~~	~~0.806~~	~~0.757~~	~~0.822~~	~~0.771~~
~~1003~~	~~0.813~~	~~0.813~~	~~0.845~~	~~0.834~~	~~0.832~~	~~0.780~~	~~0.863~~	~~0.807~~
~~1004~~	~~0.862~~	~~0.839~~	~~0.892~~	~~0.851~~	~~0.876~~	~~0.818~~	~~0.894~~	~~0.834~~
	~~Climate Zone 7~~				~~Climate Zone 8~~			
	~~1 Story~~	~~2 Story~~	~~1 Story~~	~~2 Story~~				
	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~
~~1001~~	~~0.781~~	~~0.760~~	~~0.809~~	~~0.779~~	~~0.769~~	~~0.752~~	~~0.797~~	~~0.770~~
~~1002~~	~~0.819~~	~~0.784~~	~~0.835~~	~~0.795~~	~~0.808~~	~~0.776~~	~~0.825~~	~~0.786~~
~~1003~~	~~0.844~~	~~0.813~~	~~0.873~~	~~0.834~~	~~0.834~~	~~0.809~~	~~0.865~~	~~0.829~~
~~1004~~	~~0.884~~	~~0.839~~	~~0.901~~	~~0.851~~	~~0.878~~	~~0.835~~	~~0.895~~	~~0.847~~
	~~Climate Zone 9~~				~~Climate Zone 10~~			
	~~1 Story~~		~~2 Story~~		~~1 Story~~		~~2 Story~~	
	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~	~~Heating,%~~	~~Cooling,%~~
~~1001~~	~~0.753~~	~~0.702~~	~~0.782~~	~~0.723~~	~~0.752~~	~~0.674~~	~~0.782~~	~~0.696~~
~~1002~~	~~0.795~~	~~0.734~~	~~0.812~~	~~0.746~~	~~0.795~~	~~0.710~~	~~0.812~~	~~0.723~~
~~1003~~	~~0.822~~	~~0.775~~	~~0.854~~	~~0.798~~	~~0.822~~	~~0.756~~	~~0.854~~	~~0.780~~
~~1004~~	~~0.869~~	~~0.811~~	~~0.888~~	~~0.824~~	~~0.869~~	~~0.797~~	~~0.888~~	~~0.811~~

CASE CODE	Climate Zone 11				Climate Zone 12			
	1 Story		2 Story		1 Story		2 Story	
	Heating,%	Cooling,%	Heating,%	Cooling,%	Heating,%	Cooling,%	Heating,%	Cooling,%
1001	0.737	0.645	0.767	0.669	0.743	0.674	0.773	0.696
1002	0.783	0.686	0.800	0.700	0.788	0.710	0.805	0.723
1003	0.811	0.737	0.843	0.762	0.815	0.756	0.848	0.780
1004	0.861	0.782	0.880	0.798	0.864	0.797	0.882	0.811
	Climate Zone 13				Climate Zone 14			
	1 Story		2 Story		1 Story		2 Story	
	Heating,%	Cooling,%	Heating,%	Cooling,%	Heating,%	Cooling,%	Heating,%	Cooling,%
1001	0.737	0.667	0.767	0.689	0.709	0.617	0.740	0.642
1002	0.783	0.704	0.800	0.717	0.759	0.662	0.778	0.677
1003	0.811	0.751	0.843	0.776	0.789	0.717	0.824	0.745
1004	0.861	0.792	0.880	0.807	0.846	0.768	0.866	0.784
	Climate Zone 15				Climate Zone 16			
	1 Story		2 Story		1 Story		2 Story	
	Heating,%	Cooling,%	Heating,%	Cooling,%	Heating,%	Cooling,%	Heating,%	Cooling,%
1001	0.742	0.596	0.772	0.622	0.686	0.720	0.719	0.755
1002	0.788	0.645	0.805	0.660	0.742	0.763	0.761	0.778
1003	0.815	0.703	0.848	0.731	0.772	0.786	0.809	0.812
1004	0.864	0.758	0.883	0.775	0.835	0.822	0.856	0.837

18. Residential ACM Manual, Section R4.3.4.12, p. R4-16 (October 24, 2003)

Edit the exception to be consistent with the Standards Section 143 (c), a change that was left out by mistake.

EXCEPTION: When skylights are required by Section 143(c) (low-rise conditioned or unconditioned enclosed spaces that are greater than 25,000 ft^2 directly under a roof with ceiling heights greater than 15 ft and have a lighting power density for general lighting equal to or greater than 0.5 W/ft^2) and the SRR in the proposed design is less than the minimum, the standard design shall have a SRR of 0.03 for LPD < 1.0 W/ft^2, 0.033 for 1.0 ≥ LPD < 1.4 W/ft^2, and 0.036 for LPD ≥ 1.0 W/ft^2 in one half of the area of qualifying spaces.

19. Residential ACM Manual, Section R6.2.4, p. R6-8 (November 5, 2005)

Edit the title of the Section and a bullet in the Section to change the word "wool" to "fiber" to be more accurate and inclusive of this type of insulating material.

Mineral Fiber ~~Wool~~ Insulating Materials

- Direct Earth Contact—Mineral fiber ~~wool~~ batts shall not be installed in direct earth contact unless protected by a vapor retarder/ground cover.

20. Residential ACM, Section R7.4.1, p. R7-6 (October 31, 2003)

Correct mistaken omission of the word "construction" needed in the sentence.

For duct sealing diagnostic testing completed at the rough-in stage of construction ~~construction using aerosol sealant closures,~~ builder employees or subcontractors shall:

21. Residential ACM, Section R7.8.1, p. R7-11 (October 31, 2003)

Edit the sentence to correct an inconsistency with Section R7.4.

The builder shall provide the HERS rater ~~provider~~ with the identifying location of the group of dwelling units to be included in the sample for field verification and diagnostic testing. The builder shall provide the HERS provider a copy of the CF-6R signed by the builder employees or sub-contractors certifying that diagnostic testing and installation meet the requirements for compliance credit.

22. Residential ACM, Section R7.8.4, R7-12 (November 5, 2003)

Delete the sentence which was left in by mistake.

~~When the Certificate of Compliance (CF-1R) indicates any HERS diagnostic testing and field verification measure is required for compliance, the building department shall verify that the Documentation Author has notified the HERS Provider before accepting the CF-1R.~~

23. Joint Appendix I, p. I-5 (October 31, 2003)

Add definitions that were left out by mistake.

ASTM D2824	is the American Society of Testing and Materials document entitled "Standard Specification for Aluminum-Pigmented Asphalt Roof Coatings, Nonfibered, Asbestos Fibered, and Fibered without Asbestos," 2002 (ASTM D2824-02).
ASTM D3805	is the American Society of Testing and Materials document entitled "Standard Guide for Application of Aluminum-Pigmented Asphalt Roof Coatings," 1997 (ASTM D3805-97 (reapproved 2003)).
ASTM D6848	Is the American Society of Testing and Materials document entitled, "Standard Specification for Aluminum-Pigmented Emulsified Asphalt Used as a Protective Coating for Roofing Asphalt Roof Coatings," 2002 (ASTM D6848-02)